

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Disk A disk drive unit (1) for a disk,  
which disk drive unit (1) comprises disk comprising:

a slide of a slide mechanism;

a pickup unit (4) mounted to a the slide (8) of a slide mechanism (6), which wherein slide mechanism (6)—is adapted to move the pickup unit (4) along the disk between a home position and a read and/or write position,

the slide mechanism (6) comprising:

a driven first transmission member (12) which is operatively connected to the slide (8) for moving the slide;

(8) and

a driving second transmission member (13) which is only in engagement with the first transmission member (12) when the

pickup unit (4) is in the read and/or write position, and wherein the pickup unit (4) and the second transmission member (13) comprise engagement members (18, 19) which are adapted to come into engagement at least when the second transmission member (13) is not in engagement with the first transmission member (12) so as to move cause movement of the pickup unit (4) away from the home position, which wherein the movement causes the first and second transmission members (12, 13) to engage;

wherein the engagement member of the pickup unit is operatively coupled to an actuator of the pickup unit, and wherein the engagement member of the pickup unit is adapted to come into engagement with the engagement member of the second transmission member owing to action of the actuator of the pickup unit;

wherein the engagement member of the pickup unit includes a cam at a bearing plate of the pickup unit, wherein the bearing plate is operatively coupled to the actuator of the pickup unit and is movable about a pivoting pin under action of the actuator of the pickup unit in order to move the cam into a position in which the cam is enabled to come into engagement with the engagement member of the second transmission member; and

wherein the second transmission member includes a gear wheel.

Claims 2-4 (Canceled)

5. (Currently Amended) Disk The disk drive unit (1) according to claim 1, wherein the engagement member (19) of the second transmission member (13) is includes a protrusion (19) provided on the second transmission member (13) in a position such that it the protrusion is enabled to come into engagement with the engagement member (18) of the pickup unit (4).

6. (Currently Amended) Disk The disk drive unit (1) according to claim 4 claim 1, wherein the first transmission member (12) is a gear rack (12) which is positioned such that the gear rack (12) is in engagement with the gear wheel (13) when the pickup unit (4) is in its the read and/or write position, and such that the gear rack (12) is out of engagement with the gear wheel (13) when the pickup unit (4) is in its the home position.

7. (Currently Amended) Disk The disk drive unit (1) according

to claim 3 claim 1, wherein the engagement of the engagement members (18, 19) of the pickup unit (4) and the second transmission member (13) is caused by a movement of the second transmission member (13) and the simultaneous movement of the engagement member (18) of the pickup unit (4) into the position where it the engagement member is enabled to come into engagement with the engagement member (19) of the second transmission member (13).

8. (Currently Amended) Disk The disk drive unit (1) according to claim 1, further comprising a control unit that is programmed such that the drive of the second transmission member (13) consists of a sequence of stepped driving movements, which sequence is stopped when the first and the second transmission member (12, 13) are in engagement, or when a preset amount of driving movements is reached.

9. (Currently Amended) Disk drive unit (1) according to claim 1 A disk drive unit for a disk comprising:  
a slide of a slide mechanism;  
a pickup unit mounted to the slide wherein slide mechanism is

adapted to move the pickup unit along the disk between a home position and a read and/or write position,

the slide mechanism comprising:

a driven first transmission member which is operatively connected to the slide for moving the slide; and

a driving second transmission member which is only in engagement with the first transmission member when the pickup unit is in the read and/or write position,

wherein the pickup unit and the second transmission member comprise engagement members which are adapted to come into engagement at least when the second transmission member is not in engagement with the first transmission member so as to move the pickup unit away from the home position, wherein the movement causes the first and second transmission members to engage, wherein the engagement of the first and the second transmission member (12, 13) is detected by a detecting member.

10. (Currently Amended) Disk The disk drive unit (1) according to claim 9, wherein the detecting member is formed by the pickup unit (4).

11. (Currently Amended) ~~Disk~~ The disk drive unit (1) according to claim 10, ~~wherein the~~ further comprising a control unit that is programmed such that the driving movement of the second transmission member (13) is stopped when the pickup unit (4) detects the engagement of the first and the second transmission member (12, 13) by detecting a surface of a disk which is placed in the disk drive unit (1).

12. (Currently Amended) ~~Disk~~ The disk drive unit (1) according to claim 1, ~~wherein the~~ second transmission member (13) is operatively connected to a motor (14) for driving the second transmission member (13).

13. (Previously Presented) A device for reading and/or writing information from/on an optical disk, provided with the disk drive unit as claimed in claim 1.